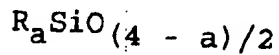


I claim:

1. A silicone rubber composition comprising:

(A) 100 weight parts organopolysiloxane gum having at least 2 silicon-bonded alkenyl groups in each molecule and the average compositional formula



in which R is selected from substituted and unsubstituted monovalent hydrocarbon groups and a has a value from 1.95 to 2.05,

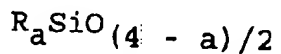
(B) 10 to 300 weight parts aluminum hydroxide powder,

(C) 0.1 to 30 weight parts of a treating agent selected from the group consisting of silanes and siloxane oligomers having alkenyl and alkoxy or hydroxy substitution, and

(D) 0.1 to 10 weight parts organoperoxide.

2. A silicone rubber composition comprising

(A) 100 weight parts organopolysiloxane gum having at least 2 silicon-bonded alkenyl groups in each molecule and the average compositional formula



in which R is selected from substituted and unsubstituted monovalent hydrocarbon groups and a has a value from 1.95 to 2.05,

(E) 10 to 300 weight parts aluminum hydroxide powder whose

surface has been treated with a treating agent selected from the group consisting of silanes and siloxane oligomers having alkenyl and alkoxy or hydroxy substitution, and

(D) 0.1 to 10 weight parts organoperoxide.

3. A composition according to Claim 1, where the organopolysiloxane gum is selected from the group consisting of dimethylvinylsiloxyl-endblocked dimethylsiloxane-methylvinylsiloxane copolymer, dimethylvinylsiloxyl-endblocked dimethylpolysiloxane, silanol-endblocked dimethylsiloxane-methylvinylsiloxane copolymer, and methylvinylhydroxysiloxyl-endblocked dimethylsiloxane-methylvinylsiloxane copolymer.

4. A composition according to Claim 1, where the aluminum hydroxide powder has a particle size in the range from 0.2 to 50 micrometers.

5. A composition according to Claim 1, where the aluminum hydroxide powder has a particle size in the range from 0.2 to 10 micrometers.

6. A composition according to Claim 1 comprising 30 to 200 weight parts of aluminum hydroxide powder per 100 weight parts of the organopolysiloxane gum.

7. A composition according to Claim 1, where the treating agent is a silane having alkenyl and alkoxy substitution.
8. A composition according to Claim 7, where the treating agent is selected from a group consisting of vinyltrimethoxysilane, vinyltriacetoxysilane, allyltrimethoxysilane, butenyltrimethoxysilane, hexenyltrimethoxysilane, and N-beta-(N-vinylbenzylaminoethyl)-gamma-aminopropyltrimethoxysilane.
9. A composition according to Claim 1, where the treating agent is an organosiloxane oligomer having alkenyl and alkoxy or hydroxy substitution and containing 25 weight percent or less pendant alkenyl substitution.
10. A composition according to Claim 1, where the treating agent is an oligomeric siloxane resin having alkenyl and alkoxy or hydroxy substitution.
11. A composition according to Claim 2, where the organopolysiloxane gum is selected from the group consisting of dimethylvinylsiloxyl-endblocked dimethylsiloxane-methylvinylsiloxane copolymer, dimethylvinylsiloxyl-endblocked dimethylpolysiloxane, silanol-endblocked dimethylsiloxane-methylvinylsiloxane copolymer, and methylvinylhydroxysiloxyl-endblocked dimethylsiloxane-methylvinylsiloxane copolymer.

12. A composition according to Claim 2, where the aluminum hydroxide powder has a particle size in the range from 0.2 to 50 micrometers.
13. A composition according to Claim 2, where the aluminum hydroxide powder has a particle size in the range from 0.2 to 10 micrometers.
14. A composition according to Claim 2 comprising 30 to 200 weight parts of aluminum hydroxide powder per 100 weight parts of the organopolysiloxane gum.
15. A composition according to Claim 2, where the treating agent is a silane having alkenyl and alkoxy substitution.
16. A composition according to Claim 15, where the treating agent is selected from a group consisting of vinyltrimethoxysilane, vinyltriacetoxysilane, allyltrimethoxysilane, butenyltrimethoxysilane, hexenyltrimethoxysilane, and N-beta-(N-vinylbenzylaminoethyl)-gamma-aminopropyltrimethoxysilane.

17. A composition according to Claim 2, where the treating agent is an organosiloxane oligomer having alkenyl and alkoxy or hydroxy substitution and containing 25 weight percent or less pendant alkenyl substitution.

18. A composition according to Claim 2, where the treating agent is an oligomeric siloxane resin having alkenyl and alkoxy or hydroxy substitution.